

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009123**Date Inspected:** 12-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen fu you**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

SMAW welding of weld joint 4G-184 located on PCMK SSD17-PP63 of 8AE welder is identified as 054016.

ZPMC QC is identified as Mr. Wang wei ning . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b-FCM-1.

FCAW welding of weld joint 3G-184 located on PCMK SSD17-PP63 of 8AE welder is identified as 066683.

ZPMC QC is identified as Mr. Wang wei ning . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-Tc-U4b-FCM-F.

SMAW welding of weld joint 4G-127 located on PCMK SSD13A-PP83 of 9EW welder is identified as 047864.

ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-Tc-U4b.

FCAW welding of weld joint 2G-181 located on PCMK SSD16-PP62 of 8AE welder is identified as 066683.

ZPMC QC is identified as Mr. Wang wei ning. The welding variables recorded by QC appeared to Comply with the WPS-B-T2232-Tc-U4b-F.

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as

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## WELDING INSPECTION REPORT

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Segment 9CW. The weld designations reviewed are as follows:  
SEG053A-004,007.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

### Summary of Conversations:

No Relevant Conversation.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
<b>Reviewed By:</b>	Clifford,William	QA Reviewer

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